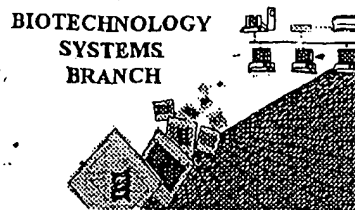


*Applicant's Copy*

*Attach to Paper # 122803*

**RAW SEQUENCE LISTING**  
**ERROR REPORT**



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/319,782C  
Source: 1600  
Date Processed by STIC: 10/9/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/2003):  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/2003



IFV

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/319,782C

DATE: 10/09/2003  
TIME: 15:22:53

Input Set : A:\480848.90018.txt  
Output Set: N:\CRF4\10092003\I319782C.raw

3 <110> APPLICANT: INSTITUT DE RECHERCHES CLINIQUES DE MONTREAL  
4 DROUIN, Jacques  
5 PHILIPS, Alexandre  
6 MAIRA, Mario  
8 <120> TITLE OF INVENTION: NUR-RE A RESPONSE ELEMENT WHICH BINDS NUR NUCLEAR  
9 RECEPTORS AND METHOD OF USE THEREFOR  
11 <130> FILE REFERENCE: 480848.90018  
13 <140> CURRENT APPLICATION NUMBER: 09/319,782C  
> 14 <141> CURRENT FILING DATE: 2000-04-19  
16 <150> PRIOR APPLICATION NUMBER: CA97/00962  
17 <151> PRIOR FILING DATE: 1997-12-12  
19 <150> PRIOR APPLICATION NUMBER: 2,192,754  
20 <151> PRIOR FILING DATE: 1996-12-12  
22 <160> NUMBER OF SEQ ID NOS: 33  
24 <170> SOFTWARE: PatentIn Ver. 2.1  
26 <210> SEQ ID NO: 1  
27 <211> LENGTH: 8  
28 <212> TYPE: DNA  
29 <213> ORGANISM: Murinae gen. sp.  
31 <400> SEQUENCE: 1  
32 aaaggtca  
35 <210> SEQ ID NO: 2  
36 <211> LENGTH: 24  
37 <212> TYPE: DNA  
38 <213> ORGANISM: Murinae gen. sp.  
40 <400> SEQUENCE: 2  
41 gtgatattta cctccaaatg ccag  
44 <210> SEQ ID NO: 3  
45 <211> LENGTH: 6  
46 <212> TYPE: DNA  
47 <213> ORGANISM: Murinae gen. sp.  
49 <400> SEQUENCE: 3  
50 aggtca  
53 <210> SEQ ID NO: 4  
54 <211> LENGTH: 28  
55 <212> TYPE: DNA  
56 <213> ORGANISM: Murinae gen. sp.  
58 <400> SEQUENCE: 4  
59 gatcctcgtg cgaaaaggtc aagcgcta  
62 <210> SEQ ID NO: 5  
63 <211> LENGTH: 33  
64 <212> TYPE: DNA  
65 <213> ORGANISM: Murinae gen. sp.

pp 2-6  
Does Not Comply  
Corrected Diskette Needed

8

24

6

28

## RAW SEQUENCE LISTING

DATE: 10/09/2003

PATENT APPLICATION: US/09/319,782C

TIME: 15:22:53

Input Set : A:\480848.90018.txt

Output Set: N:\CRF4\10092003\I319782C.raw

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67 <400> SEQUENCE: 5
68 gatcctagtg atatttacct ccaaagcca gga 33
71 <210> SEQ ID NO: 6
72 <211> LENGTH: 22
73 <212> TYPE: DNA
74 <213> ORGANISM: Murinae gen. sp.
76 <400> SEQUENCE: 6
77 tgacctttat tctcaaaggt ca 22
80 <210> SEQ ID NO: 7
81 <211> LENGTH: 8
82 <212> TYPE: DNA
83 <213> ORGANISM: Murinae gen. sp.
85 <400> SEQUENCE: 7
86 aaatatca 8
89 <210> SEQ ID NO: 8
90 <211> LENGTH: 8
91 <212> TYPE: DNA
92 <213> ORGANISM: Murinae gen. sp.
94 <400> SEQUENCE: 8
95 aaatgcca 8
98 <210> SEQ ID NO: 9
99 <211> LENGTH: 24
100 <212> TYPE: DNA
101 <213> ORGANISM: Murinae gen. sp.
103 <220> FEATURE:
104 <221> NAME/KEY: variation
105 <222> LOCATION: (10)..(15)
106 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
107 G
109 <400> SEQUENCE: 9
> 110 gtgatatttn nnnnaaatg ccag 24
113 <210> SEQ ID NO: 10
114 <211> LENGTH: 22
115 <212> TYPE: DNA
116 <213> ORGANISM: Murinae gen. sp.
118 <220> FEATURE:
119 <221> NAME/KEY: variation
120 <222> LOCATION: (9)..(14)
121 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
122 G
124 <400> SEQUENCE: 10
> 125 tgatatttnn nnnnaaatgc ca 22
128 <210> SEQ ID NO: 11
129 <211> LENGTH: 24
130 <212> TYPE: DNA
131 <213> ORGANISM: Murinae gen. sp.
133 <220> FEATURE:
134 <221> NAME/KEY: variation
135 <222> LOCATION: (10)..(15)

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## RAW SEQUENCE LISTING

DATE: 10/09/2003

PATENT APPLICATION: US/09/319,782C

TIME: 15:22:53

Input Set : A:\480848.90018.txt

Output Set: N:\CRF4\10092003\I319782C.raw

```

136 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
137      G
139 <400> SEQUENCE: 11
> 140 gtgatatttn nnnnaaata tcac 24
143 <210> SEQ ID NO: 12
144 <211> LENGTH: 22
145 <212> TYPE: DNA
146 <213> ORGANISM: Murinae gen. sp.
148 <220> FEATURE:
149 <221> NAME/KEY: variation
150 <222> LOCATION: (9)..(14)
151 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
152      G
154 <400> SEQUENCE: 12
> 155 tgatatttnn nnnnaaatat ca 22
158 <210> SEQ ID NO: 13
159 <211> LENGTH: 24
160 <212> TYPE: DNA
161 <213> ORGANISM: Murinae gen. sp.
163 <220> FEATURE:
164 <221> NAME/KEY: variation
165 <222> LOCATION: (10)..(15)
166 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
167      G
169 <400> SEQUENCE: 13
> 170 ctggcatttn nnnnaaatg ccag 24
173 <210> SEQ ID NO: 14
174 <211> LENGTH: 22
175 <212> TYPE: DNA
176 <213> ORGANISM: Murinae gen. sp.
178 <220> FEATURE:
179 <221> NAME/KEY: variation
180 <222> LOCATION: (9)..(14)
181 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
182      G
184 <400> SEQUENCE: 14
> 185 tggcatttnn nnnnaaatgc ca 22
188 <210> SEQ ID NO: 15
189 <211> LENGTH: 24
190 <212> TYPE: DNA
191 <213> ORGANISM: Murinae gen. sp.
193 <220> FEATURE:
194 <221> NAME/KEY: variation
195 <222> LOCATION: (1)
196 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
198 <220> FEATURE:
199 <221> NAME/KEY: variation
200 <222> LOCATION: (10)..(15)
201 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or

```

Per sequence rules, 'S' can represent C or G,  
not "Q"

either use 'S' or 'N'. If using  
"n",  
explain  
n=C or G

## RAW SEQUENCE LISTING

DATE: 10/09/2003

PATENT APPLICATION: US/09/319,782C

TIME: 15:22:53

Input Set : A:\480848.90018.txt

Output Set: N:\CRF4\10092003\I319782C.raw

```

202      G
204 <220> FEATURE:
205 <221> NAME/KEY: variation
206 <222> LOCATION: (24)
207 <223> OTHER INFORMATION: N = Q Q is C or G  or use "S"
209 <400> SEQUENCE: 15
> 210 ntgacctttn nnnnaaaagg tcan 24
213 <210> SEQ ID NO: 16
214 <211> LENGTH: 22
215 <212> TYPE: DNA
216 <213> ORGANISM: Murinae gen. sp.
218 <220> FEATURE:
219 <221> NAME/KEY: variation
220 <222> LOCATION: (9)..(14)
221 <223> OTHER INFORMATION: N = X, X is independently selected from A, T, C or
222      G
224 <400> SEQUENCE: 16
> 225 tgacctttnn nnnnaaaaggt ca 22
228 <210> SEQ ID NO: 17
229 <211> LENGTH: 24
230 <212> TYPE: DNA
231 <213> ORGANISM: Murinae gen. sp.
233 <220> FEATURE:
234 <221> NAME/KEY: variation
235 <222> LOCATION: (1)
236 <223> OTHER INFORMATION: N = Q Q is C or G  or use "S"
238 <220> FEATURE:
239 <221> NAME/KEY: variation
240 <222> LOCATION: (4)
241 <223> OTHER INFORMATION: N = A or G
243 <220> FEATURE:
244 <221> NAME/KEY: variation
245 <222> LOCATION: (10)..(15)
246 <223> OTHER INFORMATION: N = X, X is independently selected from A, T, C or
247      G
249 <220> FEATURE:
250 <221> NAME/KEY: variation
251 <222> LOCATION: (20)
252 <223> OTHER INFORMATION: N = A or G
254 <220> FEATURE:
255 <221> NAME/KEY: variation
256 <222> LOCATION: (24)
257 <223> OTHER INFORMATION: N = Q Q is C or G  or use "S"
259 <400> SEQUENCE: 17
> 260 ntgnyatttn nnnnaaaatn ycan 24
263 <210> SEQ ID NO: 18
264 <211> LENGTH: 22
265 <212> TYPE: DNA
266 <213> ORGANISM: Murinae gen. sp.

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## RAW SEQUENCE LISTING

DATE: 10/09/2003

PATENT APPLICATION: US/09/319,782C

TIME: 15:22:53

Input Set : A:\480848.90018.txt

Output Set: N:\CRF4\10092003\I319782C.raw

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268 <220> FEATURE:
269 <221> NAME/KEY: variation
270 <222> LOCATION: (3)
271 <223> OTHER INFORMATION: N = A or G
273 <220> FEATURE:
274 <221> NAME/KEY: variation
275 <222> LOCATION: (9)..(14)
276 <223> OTHER INFORMATION: N = X; X is independently selected from A, T, C or
277      G
279 <220> FEATURE:
280 <221> NAME/KEY: variation
281 <222> LOCATION: (19)
282 <223> OTHER INFORMATION: N = A or G
284 <400> SEQUENCE: 18
> 285 tgnyattnnn nnnnaaatny ca 22
288 <210> SEQ ID NO: 19
289 <211> LENGTH: 24
290 <212> TYPE: DNA
291 <213> ORGANISM: Murinae gen. sp.
293 <400> SEQUENCE: 19
294 gtgatattta cctccaaatg ccag 24
297 <210> SEQ ID NO: 20
298 <211> LENGTH: 22
299 <212> TYPE: DNA
300 <213> ORGANISM: Murinae gen. sp.
302 <400> SEQUENCE: 20
303 tgatatttac ctccaaatgc ca 22
306 <210> SEQ ID NO: 21
307 <211> LENGTH: 24
308 <212> TYPE: DNA
309 <213> ORGANISM: Murinae gen. sp.
311 <400> SEQUENCE: 21
312 gtgatattta cctccaaata tcac 24
315 <210> SEQ ID NO: 22
316 <211> LENGTH: 22
317 <212> TYPE: DNA
318 <213> ORGANISM: Murinae gen. sp.
320 <400> SEQUENCE: 22
321 tgatatttac ctccaaatat ca 22
324 <210> SEQ ID NO: 23
325 <211> LENGTH: 24
326 <212> TYPE: DNA
327 <213> ORGANISM: Murinae gen. sp.
329 <400> SEQUENCE: 23
330 ctggcattta cctccaaatg ccag 24
333 <210> SEQ ID NO: 24
334 <211> LENGTH: 22
335 <212> TYPE: DNA
336 <213> ORGANISM: Murinae gen. sp.

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/319,782C

DATE: 10/09/2003  
TIME: 15:22:54

Input Set : A:\480848.90018.txt  
Output Set: N:\CRF4\10092003\I319782C.raw

ase Note:

of n and/or Xaa have been detected in the Sequence Listing. Please review the  
uence Listing to ensure that a corresponding explanation is presented in the <220>  
<223> fields of each sequence which presents at least one n or Xaa.

#:9; N Pos. 10,11,12,13,14,15  
#:10; N Pos. 9,10,11,12,13,14  
#:11; N Pos. 10,11,12,13,14,15  
#:12; N Pos. 9,10,11,12,13,14  
#:13; N Pos. 10,11,12,13,14,15  
#:14; N Pos. 9,10,11,12,13,14  
#:15; N Pos. 1,10,11,12,13,14,15,24  
#:16; N Pos. 9,10,11,12,13,14  
#:17; N Pos. 1,4,10,11,12,13,14,15,20,24  
#:18; N Pos. 3,9,10,11,12,13,14,19  
#:25; N Pos. 1,24  
#:27; N Pos. 1,4,20,24  
#:28; N Pos. 3,19

## VERIFICATION SUMMARY

DATE: 10/09/2003

PATENT APPLICATION: US/09/319,782C

TIME: 15:22:54

Input Set : A:\480848.90018.txt

Output Set: N:\CRF4\10092003\I319782C.raw

4 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
10 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
25 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
40 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0  
55 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0  
70 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0  
85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0  
10 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0  
25 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0  
60 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0  
85 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0  
58 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25 after pos.:0  
96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27 after pos.:0  
15 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28 after pos.:0